

APPARATUS AND METHOD FOR PERFORMING SURVEILLANCE USING MOTION VECTORS**ABSTRACT**

A digital video recorder is described. In one embodiment, the digital video recorder includes an event detector configured to define a target region included in a set of video frames. The event detector is configured to detect movement of an object represented in the target region based on a motion vector associated with the object. The digital video recorder also includes an event recorder coupled to the event detector. The event recorder is configured to coordinate storage of at least a portion of the set of video frames in response to the detected movement. The digital video recorder further includes an event notifier coupled to the event detector. The event notifier is configured to generate an event notification in response to the detected movement.